

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,047,478 B2
APPLICATION NO. : 10/015949
DATED : May 16, 2006
INVENTOR(S) : Stefano Gregori et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 17

Line 15, "isomorphic" should be -- isomorphic --.

Line 16, " $GF(b^{a_1}GF((b^{a_1a_1}), \dots, GF(b^{a_1a_1 \dots a_{k-1}})))$ " should be -- $GF(b^{a_1}), GF(b^{a_1a_1}), \dots, GF(b^{a_1a_1 \dots a_{k-1}})$ --

Lines 18-19, " $GF(b^{a_1}), (GF(b^{a_1a_1}), \dots, (GF(b^{a_1a_1 \dots a_{k-1}}),$ " should be -- $GF(b^{a_1}), GF(b^{a_1a_1}), \dots, GF(b^{a_1a_1 \dots a_{k-1}})$ --

Line 24, " $(GF(b^{a_1a_2 \dots a_k}))$ " should be -- $GF(b^{a_1a_2 \dots a_k})$ --

Line 31, " $(GF(b^{a_1a_2 \dots a_1}))$," should be -- $GF(b^{a_1a_2 \dots a_k})$ --

Line 33, " $(GF(b^{a_1}), (GF(b^{a_1a_1}), \dots, (GF(b^{a_1a_1 \dots a_{k-1}}),$ " should be -- $GF(b^{a_1}), GF(b^{a_1a_1}), \dots, GF(b^{a_1a_1 \dots a_{k-1}})$ --

Line 35, " $(GF(b^{a_1a_2 \dots a_{k-1}}))$ " should be -- $GF(b^{a_1a_2 \dots a_{k-1}})$ --

Line 37, " $(GF(b^{a_1a_2 \dots a_k}))$ " should be -- $GF(b^{a_1a_2 \dots a_k})$ --

Line 39, " $(GF(b^{a_1}), (GF(b^{a_1a_1}), \dots, (GF(b^{a_1a_1 \dots a_k}),$ " should be -- $GF(b^{a_1}), GF(b^{a_1a_1}), \dots, GF(b^{a_1a_1 \dots a_{k-1}})$ --

Lines 40-41, " $(GF(b^{a_1a_2 \dots a_k}))$ " should be -- $GF(b^{a_1a_2 \dots a_k})$ --

Lines 45-46, " $(GF(b^{a_1}), (GF(b^{a_1a_1}), \dots, (GF(b^{a_1a_1 \dots a_{k-1}}),$ " should be

-- $GF(b^{a_1}), GF(b^{a_1a_1}), \dots, GF(b^{a_1a_1 \dots a_{k-1}})$ --

Line 47, " $(GF(b^{a_1a_1 \dots a_k}))$ " should be -- $GF(b^{a_1a_1 \dots a_k})$ --

Lines 49-50, " $(GF(b^{a_1}), (GF(b^{a_1a_1}), \dots, (GF(b^{a_1a_1 \dots a_k}))$ " should be -- $GF(b^{a_1}), GF(b^{a_1a_1}), \dots, GF(b^{a_1a_1 \dots a_k})$ --

Lines 52-53, " $(GF(b^{a_1}), (GF(b^{a_1a_1}), \dots, (GF(b^{a_1a_1 \dots a_k}))$ " should be -- $GF(b^{a_1}), GF(b^{a_1a_1}), \dots, GF(b^{a_1a_1 \dots a_{k-1}})$ --

Line 54, " $(GF(b^{a_1a_2 \dots a_k}))$ " should be -- $GF(b^{a_1a_2 \dots a_k})$ --

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Lines 57-58, " $(GF(b^{a_1}), (GF(b^{a_2}), \dots, (GF(b^{a_1 a_2 \dots a_h}))$ " should be -- $GF(b^{a_1}), GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_h})$ --

Line 60, " $a_1, a_1 a_2, \dots, a_1 a_2 \dots a_h$ " should be -- $a_1, a_1 a_2, \dots, a_1 a_2 \dots a_h$ --

Lines 62-63, " $(GF(b^{a_1}), (GF(b^{a_2}), \dots, (GF(b^{a_1 a_2 \dots a_h}))$ " should be -- $GF(b^{a_1}), GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_h})$ --

Lines 64-65, " $a_1, a_2, \dots, a_1 a_2 \dots a_h$ " should be -- $a_1, a_1 a_2, \dots, a_1 a_2 \dots a_h$ --

Column 18

Line 1, " $(GF(b^{a_1 a_2 \dots a_h}))$ " should be -- $GF(b^{a_1 a_2 \dots a_h})$ --

Lines 2-3, " $(GF(b^{a_1}), (GF(b^{a_2}), \dots, (GF(b^{a_1 a_2 \dots a_h}))$ " should be -- $GF(b^{a_1}), GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_h})$ --

Line 5, " $(GF(b^{a_1 a_2 \dots a_h}))$ " should be -- $GF(b^{a_1 a_2 \dots a_h})$ --

Lines 6-7, " $(GF(b^{a_1}), (GF(b^{a_2}), \dots, (GF(b^{a_1 a_2 \dots a_h}))$ " should be -- $GF(b^{a_1}), GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_h})$ --

Line 9, " $(GF(b^{a_1 a_2 \dots a_h}))$ " should be -- $GF(b^{a_1 a_2 \dots a_h})$ --

Line 13, " $(GF(b^{a_1}), (GF(b^{a_2}), \dots, (GF(b^{a_1 a_2 \dots a_h}))$ " should be -- $GF(b^{a_1}), GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_h})$ --

Line 20, " $(GF(b^{a_1 a_2 \dots a_h}))$ " should be -- $GF(b^{a_1 a_2 \dots a_h})$ --

Line 22, " $(GF(b^{a_1}), (GF(b^{a_2}), \dots, (GF(b^{a_1 a_2 \dots a_h}))$ " should be -- $GF(b^{a_1}), GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_h})$ --

Line 32, " $(GF(b^{a_1 a_2 \dots a_h}))$ " should be -- $GF(b^{a_1 a_2 \dots a_h})$ --

Line 37, " $(GF(b^{a_1 a_2 \dots a_h}))$ " should be -- $GF(b^{a_1 a_2 \dots a_h})$ --

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Lines 51-54, "reading from the multilevel memory cells a codeword having $k+n$ coded symbols in a first base the first base being equal to a maximum number of storage levels of the memory levels;" should read as -- reading from the multilevel memory cells a codeword having $k+n$ coded symbols in a first base, the first base being equal to a maximum number of storage levels of the memory cells; --

Signed and Sealed this

Twenty-second Day of July, 2008

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office